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Sheet	1	of	2	Attorney Docket Number	96790P355			

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		Document Number	Publication Date	Name of Reference	Pages, Columns, Lines, Where		
Examiner Initials*	Cite No.1	Number - Kind Code <sup>2</sup> (if known)	Publication Date or Issue Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear		
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			JP08-110923	04-30-1996	Toshiba Corp		上
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<sup>1</sup>Applicant's unique citation designation number (optional). <sup>2</sup>See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. <sup>3</sup>Enter Office that Issued the document, by the two-letter code (WIPO Standard ST.3). \*For Japanese patent documents, the indication of the year of reign of the Emperor must precede the serial number of the patent document. \*Variety of documents by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. \*Applicant is to place a check mark here if English language Translation is attached.

Based on PTO/SB/08A (08-03) as modified by Blakely, Solokoff, Taylor & Zafman (wir) 08/11/2003.

Complete if Known Substitute for form 1449A/PTO 09/853,770 **Application Number** INFORMATION DISCLOSURE Filing Date May 11, 2001 STATEMENT BY APPLICANT First Named Inventor Satoshi Shigematsu Art Unit 2134 (use as many sheets as necessary) Examiner Name Tran, Ellen C 2 of Sheet **Attorney Docket Number** 96790P355

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Based on PTO/SB/08B (08-03) as modified by Blakely, Solokoff, Teylor & Zafman (wtr) 09/11/2003. Send To: Commissioner for Patenta, P.O. Box 1450, Alexandria, VA 22313-1450

<sup>&</sup>lt;sup>1</sup>Applicant's unique citation designation number. <sup>2</sup>Applicant is to place a check mark here if English language Translation is attached.

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		سننز	04352548 A	12-07-1992	Yuuseidaijin Matsushita Commun Ind. Co. Ltd.		
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<sup>1</sup>Applicant's unique citation designation number (optional). <sup>2</sup>See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. <sup>3</sup>Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup>For Japanese patent documents, the indication of the year of reign of the Emperor must precede the serial number of the patent document. <sup>4</sup>Vind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 18 if possible. <sup>4</sup>Applicant is to place a check mark here if English language Translation is attached.

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STATEMENT BY APPLICANT
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Sheet of Attorney Docket Number 96790P355

U.S. PATENT DOCUMENTS

Application Number

Filing Date

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May 11, 2001

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FCT		EP 0 994 439	04-19-2000	Sony Corporation		
ECT		EP 0 924 656	06-23-1999	TRW, Inc.		_
- //		DE 196-18-144	-01-05-1996 <b>-</b>	Ziegler, Hans Berndt, Dr.		_
		DE 197 03 970	<del>-08-06-1998</del> -	Wilke, Thomas		
E	.,	WO 99/56429	11-04-1999	Identix Incorporated	<u> </u>	L
ECT		WO 00/36566	06-22-2000	Koninklijke Philips Electronics N.V.		
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STATEMENT BY APPLICANT

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Sheet of 2

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Application Number	09/853,770	-
Filing Date	May 11, 2001	
First Named Inventor		_
Art Unit	2134	_
Examiner Name	Ellen C. Tran	_
Attorney Docket Number	96790P355	_

			U.S. PATE	ENT DOCUMENTS	
Examiner Initials*	Cite No.1	Document Number  Number - Kind Code <sup>2</sup> (if known)	Publication Date or Issue Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
ECT		US-5901238	05-04-1999	Matsushita	
		US-5012076	04-30-1991	Yoshida	
T/		US-4829296	05-09-1989	Clark et al.	
		US-			
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RI	V	EP 0 976 897 A1	02-02-2000	Enix Corporation	7	
	>=	WO99/60485	11-25-1999	Yutaka Yasukura	The thinks or	<u> </u>
ECT	V	EP 1 085 424 A1	03-21-2001	Yutaka Yasukura		
ECT	V	GB 2 348 309 A	09-27-2000	NEC Corporation		
50		0 397 512	11-14-1990	Material Engineering		
M	V	GB 2 350 021 A	11-15-2000	Rohm Co. Ltd		Ì.
	9_	DE 199 39 744 A1	<del>-08-21-1999</del> -			
	-	WO-01/03075-A1	<del>-01-11-2001</del> -	Swisscom-Ag-	,	12
	_	11-039483	02-12-1999	Nippon Telegi & Teleph Corp.		=
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## INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Sheet 2 of 2

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Application Number	09/853,770
Filing Date	May 11, 2001
First Named Inventor	
Art Unit	2134
Examiner Name	Ellen C. Tran
Attorney Docket Number	96790P355

		NON PATENT LITERATURE DOCUMENTS	
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Application Number	09/853,770	
Filing Date	May 11, 2001	
First Named Inventor	Satoshi Shigematsu	
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60		JP 11-134302	05-21-1999	Mitsubishi Electric Corp.		as
		JP 11-272349	10-08-1999	Sanyo Electric Co. Ltd.		A
		JP 2002-157050	05-31-2002	NEC System Technologies Ltd.		A
		JP 10-041936	02-13-1998	NEC Commun Syst Ltd.		Иb
$\Box$		JP 11-039082	02-12-1999	Fujitsu Ltd.		46
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First Named Inventor	Satoshi Shigematsu				
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Based on PTO/SB/08A (08-03) as modified by Blakely, Solokoff, Taylor & Zafman (wtr) 08/11/2003.

INFORMATION DISCLOSURE

STATEMENT BY APPLICANT

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Application Number 09/85
Filing Date May
First Named Inventor Satosi

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**Sheet** 

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Application Number	09/853,770				
Filing Date	May 11, 2001				
First Named Inventor	Satoshi Shigematsu				
Art Unit					
Examiner Name					
Attorney Docket Number	96790P355				

F	U.S. PAYENT DOCUMENTS								
Examiner tnitials*	Cite No.1	Document Number  Number - Kind Code <sup>2</sup> (if known)	Publication Date or Issue Date MM-DD-YYYY	Name of Patentiee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear				
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Foreign Patent Document

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Complete if Known					
Application Number	09/853,770				
Filing Date	May 11, 2001				
First Named Inventor	Satoshi Shigematsu				
Art Unit	2134				
Examiner Name	Tran, Ellen C				
Attorney Docket Number	96790P355				

	U.S. PATENT DOCUMENTS								
		Document Number	Publication Date	Name of Catastan or	Pages, Columns, Lines, Where				
Examiner Initials*	Cite No.1	Number - Kind Code <sup>2</sup> (if known)	Publication Data or Issue Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear				
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Examiner Initials*	Cite No.¹	Foreign Patent Document  Country Code <sup>3</sup> - Number <sup>4</sup> - Kind Code <sup>5</sup> (il known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	Τ°
1		IP01-256674	-10-13-1989-	-Omron-Tateisi-Electron Co		
	/	JP05-233896-	09-10-1993	Yuuseidaijin/Matsushita		
		-JP61-42095	02-28-1986			
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#### INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Application Number	09/853,770			
Filing Date	May 11, 2001			
First Named Inventor	Satoshi Shigematsu			
Art Unit	2134			
Examiner Name	Tran, Ellen C			
Attorney Docket Number				

	NON PATENT LITERATURE DOCUMENTS			
	Examiner Initials*	Cite No.1	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	Į3
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